INDUSTRIAL COMPONENT DATA

NBC-M12MRD/ 5,0-93E/R4AC 1417249 PHOENIX CONTACT Assembled Ethernet cable, CAT5e, shielded, 2-pair, AWG 26 s..

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-MRD-IP20-93E/ 5,0 SCO



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-MRD-IP20-93E/ 5,0 SCO
Catalog number	1417249
Category	Sensor-actuator patch cord
Minimum order	1 Pcs
Document ID	EO-5DE0FAE990
Generated	2026-11-19

Product Overview

Assembled Ethernet cable, CAT5e, shielded, 2-pair, AWG 26 stranded (7-wire), RAL 5021 (water blue), M12 plug angled on RJ45 socket/IP20, line, D-coded, length 5 m
Ready-made Ethernet cable, CAT5e, shielded, 2 pairs, flexible AWG 26 (7 wires), RAL 5021 (aqua blue), M12 male connector angled to RJ45/IP20 male connector, Line, D-coded, length 5 m

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Industrial Field Connectivity (IFC)

Additional Product Information

Key Commercial Data
Orderkey 1417249
Packing unit 1
GTIN 4046356523684
Custom tariff number 85444290
Drawings
Ambient conditions
Standards and Regulations
Environmental Product Compliance
Mechanical characteristics

Material data
Line characteristics
Classifications
Drawings
Dimensional drawing
Cable cross section
PUR ETHERNET 2x2 FLEX [93E]
Back to topMechanical characteristics
Number of slots 1
Degree of pollution 3
Transmission characteristics (category) CAT5
No. of cable outlets 1
Back to topAmbient conditions
Ambient temperature (operation) -25 °C ... 60 °C (cable, fixed installation)
-5 °C ... 50 °C (cable, flexible installation)
Back to topMaterial data
Flammability rating according to UL 94 V2
Back to topStandards and Regulations
Flammability rating according to UL 94 V2
Back to topLine characteristics
Cable type PUR ETHERNET 2x2 FLEX
Cable abbreviation 02YS(ST)C11Y
UL AWM style 20963 (80°C/30 V)
Cable structure 2x2xAWG26/7; SF/UTP
Conductor cross section 2x 2x 0.14 mm²
AWG signal line 26
Conductor structure signal line 7x 0.16 mm
Core diameter including insulation 0.98 mm
External cable diameter 6.4 mm ±0.2 mm
Wire colors white/orange-orange, white/green-green
External sheath, color water blue RAL 5021
Transmission medium Copper
Insulation resistance >= 500 M?*km
Wave impedance 100 ? ±5 ? (at 100 MHz)
Near end crosstalk attenuation (NEXT) 65.3 dB (with 1 MHz)
56.3 dB (at 4 ?Hz)
50.3 dB (at 10 MHz)
47.2 dB (at 16 MHz)
45.8 dB (at 20 ?Hz)
42.9 dB (at 31.25 ?Hz)
38.4 dB....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-MRD-IP20-93E/ 5,0 SCO with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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